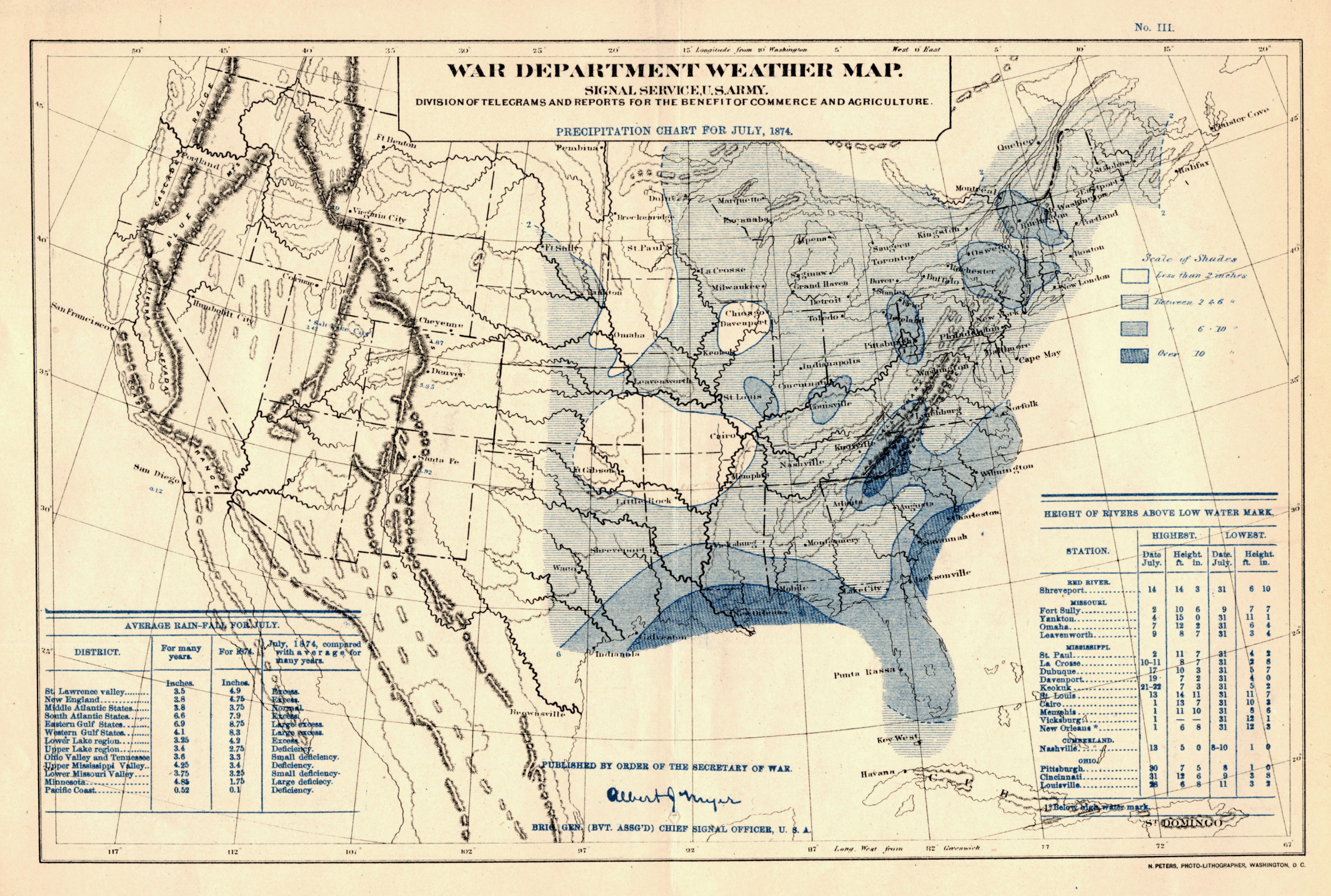
# WAR DEPARTMENT WEATHER MAP.

## SIGNAL SERVICE, U.S. ARMY.

DIVISION OF TELEGRAMS AND REPORTS FOR THE BENEFIT OF COMMERCE AND AGRICULTURE.

PRECIPITATION CHART FOR JULY, 1874.




### AVERAGE RAIN-FALL FOR JULY.

| DISTRICT. | For many years. | For 1874. | July, 1874, compared with average for many years. |
|---|---|---|---|
| | Inches. | Inches. | |
| St. Lawrence valley | 3.5 | 4.9 | Excess. |
| New England | 3.8 | 4.75 | Excess. |
| Middle Atlantic States | 3.8 | 3.75 | Normal. |
| South Atlantic States | 6.6 | 7.9 | Excess. |
| Eastern Gulf States | 6.9 | 8.75 | Large excess. |
| Western Gulf States | 4.1 | 8.3 | Large excess. |
| Lower Lake region | 3.25 | 4.2 | Excess. |
| Upper Lake region | 3.4 | 2.75 | Deficiency. |
| Ohio Valley and Tennessee | 3.6 | 3.3 | Small deficiency. |
| Upper Mississippi Valley | 4.25 | 3.4 | Deficiency. |
| Lower Missouri Valley | 3.75 | 3.25 | Small deficiency. |
| Minnesota | 4.85 | 1.75 | Large deficiency. |
| Pacific Coast | 0.52 | 0.1 | Deficiency. |

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Albert J. Myer

BRIG. GEN. (BVT. ASSG'D) CHIEF SIGNAL OFFICER, U. S. A.

### HEIGHT OF RIVERS ABOVE LOW WATER MARK.

| STATION. | HIGHEST. Date July. | HIGHEST. Height. ft. | HIGHEST. Height. in. | LOWEST. Date. July. | LOWEST. Height. ft. | LOWEST. Height. in. |
|---|---|---|---|---|---|---|
| RED RIVER. | | | | | | |
| Shreveport | 14 | 14 | 3 | 31 | 6 | 10 |
| MISSOURI. | | | | | | |
| Fort Sully | 2 | 10 | 6 | 9 | 7 | 7 |
| Yankton | 4 | 15 | 0 | 31 | 11 | 1 |
| Omaha | 7 | 12 | 2 | 31 | 6 | 4 |
| Leavenworth | 9 | 8 | 7 | 31 | 3 | 4 |
| MISSISSIPPI. | | | | | | |
| St. Paul | 2 | 11 | 7 | 31 | 4 | 2 |
| La Crosse | 10–11 | 8 | 7 | 31 | 2 | 8 |
| Dubuque | 17 | 10 | 3 | 31 | 5 | 7 |
| Davenport | 19 | 7 | 2 | 31 | 4 | 0 |
| Keokuk | 21–22 | 7 | 3 | 31 | 5 | 2 |
| St. Louis | 13 | 14 | 11 | 31 | 11 | 7 |
| Cairo | 1 | 13 | 7 | 31 | 10 | 3 |
| Memphis | 1 | 11 | 10 | 31 | 8 | 6 |
| Vicksburg | 1 | — | — | 31 | 12 | 1 |
| New Orleans * | 1 | 6 | 8 | 31 | 12 | 3 |
| CUMBERLAND. | | | | | | |
| Nashville | 13 | 5 | 0 | 8–10 | 1 | 0 |
| OHIO. | | | | | | |
| Pittsburgh | 30 | 7 | 5 | 8 | 1 | 0 |
| Cincinnati | 31 | 12 | 6 | 9 | 3 | 8 |
| Louisville | 28 | 6 | 8 | 11 | 3 | 2 |

* Below high water mark.

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